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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/038,341	01/04/2002	Seemab Aslam Kadri	42390P13126	7288

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EXAMINER

LEMMA, SAMSON B

ART UNIT	PAPER NUMBER
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2132

DATE MAILED: 07/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

87

Office Action Summary

Application No.

10/038,341

Applicant(s)

KADRI, SEEMAB ASLAM

Examiner

Samson B. Lemma

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☒ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. **Claims 1-35** have been examined. This action is responsive to the application filed on January 4, 2002.

Specification

Content of Specification

2. **Brief Summary of the Invention:** See MPEP § 608.01(d). A brief summary or general statement of the invention as set forth in 37 CFR 1.73. The summary is separate and distinct from the abstract and is directed toward the invention rather than the disclosure as a whole. The summary may point out the advantages of the invention or how it solves problems previously existent in the prior art (and preferably indicated in the Background of the Invention). In chemical cases it should point out in general terms the utility of the invention. If possible, the nature and gist of the invention or the inventive concept should be set forth. Objects of the invention should be treated briefly and only to the extent that they contribute to an understanding of the invention.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an

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application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 1-35** are rejected under 35 U.S.C. 102(e) as being anticipated by **Traversat et al.** (hereinafter referred as **Traversat**) (U.S. Publication number: 2002/0143855A1, **which Claims Priority from Provisional Application No 60,263573 filed on Jan 22, 2001**)

5. **As per claims 1, 11, 21 and 31** **Traversat discloses** an apparatus/method/system/a gateway device comprising: a **collector to collect a message intended for an internal peer inside a firewall** [figure 20, reference "200D" or "200E" OR figure 21, reference "200C" or "200D"] **via a gateway device at the firewall**, [figure 21, reference "260" or figure 20, reference "246"] **the message being transmitted by an external peer outside the firewall**; [figure 20 and 21, reference "200A" or "200B"] **and a distributor coupled to the collector to distribute the message to the internal peer.** [figure 20, reference "200D" or "200E" OR figure 21, reference "200C" or "200D"] (As explained on paragraph "0033" any peer in a peer group can become a relay peer therefore either of the peers inside the firewall shown on figure 20 reference 200D or 200E or figure 21, reference 200C or 200D can be used as relay peers. Relay peer receives message form the source peer as explained on figure 31 reference "522" and also these relay peers which is explained to be either of the reference 200D or 200E is coupled to the other internal peer like peer "200F" as shown on figure 25. Either of these peers first collect the message and then routes/distributes the message to destination peers using the cached route information as explained on figure 31, reference "524" and this meets the recitation of a collector to collect a message intended for an internal peer inside a

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firewall as well as a distributor coupled to the collector to distribute the message to the internal peer.)

6. **As per claims 2,12, 22 and 32** Traversat discloses an apparatus/method/system/ a gateway device as applied to claims above. Furthermore **Tranversat** discloses an apparatus/method/system further comprising: a gateway interface to interface internally to the firewall to the gateway device. [Figure 21, reference "260"]

7. **As per claims 3,13, 23** Traversat discloses an apparatus/method/system/ as applied to claims above. Furthermore **Tranversat** discloses an apparatus/method/system wherein the gateway interface establishes a continuous connection to a relay server outside the firewall through tunneling.[Page 37, reference "0456"] (Peers 200A and 200B may access peers 200D and 200E through firewall 248. In one embodiment, HTTP "**tunnels**" may be used, with proxies 246 in the "DMZ" of the firewall 248.)

8. **As per claims 4-5, 14-15 and 24-25** Traversat discloses an apparatus/method/system/ as applied to claims above. Furthermore **Traversat** discloses an apparatus/method/system wherein the collector registers to the relay server to act as an external contact point for the external peer. [Page 23, paragraph "0292"] (A rendezvous peer may be described as a meeting point where peers and/or peer groups may register to be discovered, and may also discover other peers and/or peer groups, and retrieve information on discovered peers and/or peer groups.)

9. **As per claims 6, 16, 26 and 33** Traversat discloses an apparatus/method/system/ as applied to claims above. Furthermore **Traversat** discloses an apparatus/method/system

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wherein the gateway device is one of a firewall and a network translation address (NAT) device.
[figure 21, reference "260"]

10. **As per claims 7-8, 17-18, 27-28 and 34** Traversat discloses an

apparatus/method/system/ as applied to claims above. Furthermore **Traversat** discloses an apparatus/method/system further comprising: a registrar to register the internal peer for external communication across the firewall. [Figure 25]

11. **As per claims 9, 19 and 29** Traversat discloses an apparatus/method/system/ as

applied to claims above. Furthermore **Traversat** discloses an apparatus/method/system wherein the collector collects an internal message from a registered internal peer.[figure 21, reference "200C" and Page 23, paragraph "0292"] to be transmitted to the external peer. [Figure 21, reference "200A" or "200B"]

12. **As per claims 10, 20 and 30** Traversat discloses an apparatus/method/system/ as

applied to claims above. Furthermore **Traversat** discloses an apparatus/method/system wherein the distributor [figure 21, reference "200C" or reference "200D"] distributes the collected internal message to the external peer [Figure 21, reference " 200A", or reference "200B"] via the gateway device.[Figure 21, reference "260"]

13. **As per claim 35** Traversat discloses gateway device as applied to claims above.

Furthermore **Traversat** discloses the gateway device further comprising: a relay server [figure 25, reference "270"] (As explained on paragraph "0033" any peer in a peer group can become a relay peer, therefore the proxy service shown on figure 25, reference "270" can act as a relay server) to interface to a number of external peers outside the firewall.[figure 25, references "200A-200C"] [the proxy service/relay server interfaces with a number of external peers outside the firewall as shown on figure 25, references 200A, 200B and 200C]

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Conclusion

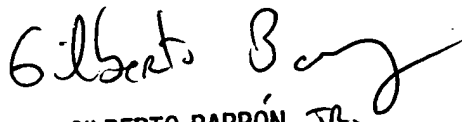
14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (See PTO-Form 892).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samson B Lemma whose telephone number is 571-272-3806. The examiner can normally be reached on Monday-Friday (8:00 am---4: 30 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BARRON JR GILBERTO can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SAMSON LEMMA
S.L.
06/30/2005


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